



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Todd et al.)
App. No. : 10/623,482)
Filed : July 18, 2003)
For : METHOD TO FORM ULTRA HIGH)
QUALITY SILICON-CONTAINING)
COMPOUND LAYERS)
Examiner : Unknown)
Art Unit : 2812)

ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION
AND
REVOCATION AND POWER OF ATTORNEY

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventor(s) to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventor(s) to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 620

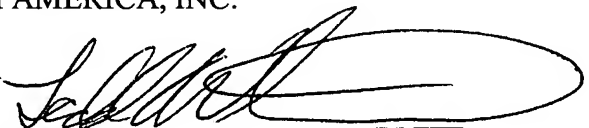
App. No. : 10/623,483
Filed : July 18, 2003

Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone (949) 760-0404, **Customer No. 20,995**, and Todd Westersund, Reg. No. 45,739, ASM America, Inc., 3440 East University Drive, Phoenix, AZ 85034, as its attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use **Customer No. 20,995** for all communications.

ASM AMERICA, INC.

Dated: November 19, 2003

By: 
Todd Westersund
Intellectual Property Officer
3440 East University Drive
Phoenix, AZ 85034-7200

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ASSIGNMENT

WHEREAS, We, Michael A. Todd, a United States citizen, residing at 7041 N. 14th Place, Phoenix, Arizona 85020, Keith D. Weeks, a United States citizen, residing at 438 S. Grand, Mesa, Arizona 85210, Christiaan J. Werkhoven, a citizen of The Netherlands, residing at 1514 East La Vieve Lane, Tempe, Arizona 85282, Christophe F. Pomarede, a French citizen, residing at 3328 E. Glenhaven Drive, Phoenix, Arizona 85048, have invented certain new and useful improvements in a METHOD TO FORM ULTRA HIGH QUALITY SILICON-CONTAINING COMPOUND LAYERS for which we have filed U.S. application No. 10/623,482, filed July 18, 2003;

AND WHEREAS, ASM America, Inc. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 3440 East University Drive, Phoenix, Arizona 85034-7200, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in return for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 14th day of November, 2003

Michael A. Todd

Michael A. Todd

STATE OF Arizona

COUNTY OF Maricopa

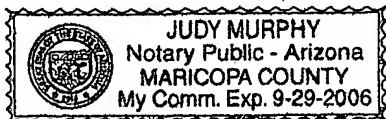
ss.

COPY
Do Not Record

On November 14, 2003 before me, Judy Murphy, personally appeared Michael A. Todd, personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person(s) whose name(s) is/~~are~~, subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(~~ies~~), and that by his signature(~~s~~) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Judy Murphy
Notary Signature

COPY
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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 19 day of November, 2003.

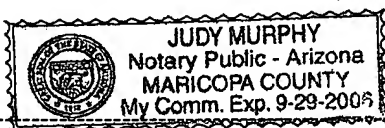
Keith D. Weeks
Keith D. Weeks

STATE OF Arizona }
COUNTY OF Maricopa } ss.

On November 19, 2003, before me, Judy Murphy, personally appeared Keith D. Weeks, personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(~~ies~~), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Judy Murphy
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 14 day of November, 2003

Christiaan J. Werkhoven
Christiaan J. Werkhoven

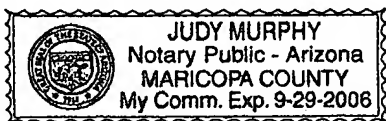
STATE OF Arizona }
COUNTY OF Maricopa } ss.

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On November 14, 2003 before me, Judy Murphy, personally appeared Christiaan J. Werkhoven personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(~~ies~~), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]




Judy Murphy
Notary Signature

Application No.: 10/623,482
Filing Date: July 18, 2003

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Client Code: ASMEX.376A
Page 3

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 14th day of November, 2003

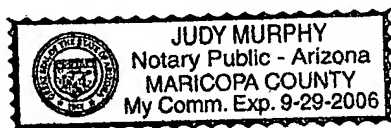

Christophe F. Pomarede

STATE OF Arizona }
COUNTY OF Maricopa } ss.

On November 14, 2003 before me, Judy Murphy, personally appeared Christophe F. Pomarede personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Judy Murphy
Notary Signature

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